

10. A sealed lead-acid cell subject to grid growth during service comprising
a container,
a cover sealed to said container and having an inner and an outer surface
and terminal openings,
a positive and negative terminal extending above the height of the cover,
said terminals being sealed to the cover,
an expandable cover area surrounding at least said terminal opening for
said positive terminal, whereby said expandable cover area may flex as grid growth
occurs.
11. The battery of claim 10 wherein said expandable cover area is molded
into said cover.
12. The battery of claim 10 wherein said expandable cover area may be
outwardly distended as grid growth occurs without adversely affecting the seal
between said at least one terminal and the cover.
13. The battery of 10 wherein the expandable cover area includes a first
region positioned substantially about the periphery of said at least one terminal, and a
second region positioned substantially concentrically and radially outward said first
region.
14. The battery of claim 13 wherein said first region is substantially planar
thereby facilitating sealing between the terminal and the cover.
15. The battery of claim 13 wherein said second region, in cross-section,
assumes a sinusoidal configuration in its assembled position prior to use in service.

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16. The battery of claim 10 wherein said expandable cover area, in cross-section, assumes a sinusoidal configuration in its assembled position prior to use in service.

17. The battery of claim 10 expandable cover area extends substantially 360° about said at least one terminal.

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